

(b) a polynucleotide encoding a polypeptide comprising amino acid 1 to amino acid 930 as set forth in SEQ ID NO:2; and

(c) a polynucleotide encoding a polypeptide comprising amino acid 29 to amino acid 930 as set forth in SEQ ID NO:2;

wherein said stringent conditions include a post hybridization wash of 2X SSC (sodium chloride/sodium citrate) at 50EC.

11 40. (Amended) A method for producing a polypeptide in a host cell comprising the steps of:

(a) incubating a host cell containing a heterologous nucleic acid molecule whose nucleotide sequence comprises the sequence of the isolated polynucleotide of claim 20, under conditions where said heterologous nucleic acid molecule is expressed to produce said polypeptide and

(b) isolating said polypeptide.

14 40. (Amended) An isolated and purified nucleic acid molecule comprising the polynucleotide of claim 20, wherein said nucleic acid molecule is produced by a process comprising the steps of:

(a) screening a genomic DNA library using as a probe a target sequence defined by the SEQ ID NO:1, or fragments thereof;

(b) identifying members of said library which contain sequences that hybridize to said target sequence; and

(c) isolating an intact coding sequence from one or more of said members identified in step (b).